

# CAPT FRANK MOODY



## VESSEL SHEET

Official # 1231960

ABS #

IMO # 9627344

Hull # 15



VESSEL DESCRIPTION	
SERVICES	Ocean Towing River Service
CLASS NOTATIONS	COI SUB-M
HAILING PORT	Anchorage, AK
CALL SIGN	WDJ9483
KEEL LAID	2010
DELIVERY	June 2011
REBUILT	
BUILDER	Foss Shipyard, Rainier, OR

MACHINERY	
CONFIGURATION	Conventional Triple Screw
MAIN ENGINE	(3) CAT C18 EPA Tier 2
REDUCTION GEAR	Twin Disc MGX-5135SC, 2.90:1 Ratio
PROPELLER	(3) 41" Dia. 5 Bladed SS, 27.5" Fixed Pitch
DRIVES/NOZZLES	
TOTAL RATED HP	1,437 BHP @ 1,800 RPM
BOLLARD PULL	12.83 ST (11.63 MT)
MAIN GENSET	(2) CAT C4.4 Genset, 99 kW, 480V (123 kVA)
AUX GENSET	
FIRE PUMP	Barnes 25CCE 15 HP, 110 GPM

DIMENSIONS	
REG. GT.	166
REG. NT.	112
ITC GT.	
ITC NT.	
DRAFT MIN	3.2'
DRAFT MAX	4.3'
REG. LENGTH	72.6'
REG. BREADTH	32'
MOULDED DEPTH	6'-6"
LENGTH OVERALL	76'
BEAM OVERALL	32.1'
AIR DRAFT	
DISPLACEMENT	220 LT

REGULATORY	
ABS LL	N
ABS CLASS	N
USCG INSP	N
REGISTRY	Y
COASTWISE	Y
SOLAS	N

CREWING REQ.	
DOM. < 600 NM	6
INTL OR > 600 NM	6
MAX. BERTHS	8

TANK CAPACITIES	
FUEL CAPACITY	24,900 gal
FUEL TYPE	MGO
UREA	N/A
HYDRAULIC	
WASTE OIL	
BALLAST	
HOLDING TANKS	Sewage, Grey water, Dirty
LUBE OIL	525 gal
POTABLE WATER	3,100 gal
NON-POTABLE	

DECK GEAR	
ANCHOR GEAR	60' of 3/4" Chain
BOW WINCH	Anchor Winch: RAPP RHP 0010
BOW LINE	220' of 1" Wire Rope
BOW LINE PULL & BRAKE CAPACITY	
TOW WINCH	Markey TES-20 Single Drum
TOW LINE	1,250' of 1-1/4" Wire Rope
TOW LINE PULL & BRAKE CAPACITY	14,900 LBF @ 38 FT/MIN & 37,200 LBF Brake Capacity

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**Alaska's Tug & Barge Company**

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